

Material Handling Engineering 1974 EDITORIAL INDEX

This index of articles appearing in MHE in 1974 is arranged by function. Articles are listed alphabetically under each function category.

The month of publication and opening page number are given for each article. ("13th" indicates that the article appeared in MHE's special Mid-September issue on packaging/material handling interaction.)

Note that each article is preceded by a code key. This code key can be used in conjunction with an Index by Product (see page 144) to find articles which cover specific products.

Assembly and production handling

A-1 Air film handling gives new plant a big lift _____ Apr 54
 A-2 Attendance, sales activity strong at MH Show _____ July 49
 A-3 Computers generate new weighing systems _____ Mar 68
 A-4 Dispatch system is key to new furniture industry system _____ Mar 63
 A-5 Ford stretched vertical limits to smooth production flow _____ Nov 57
 A-6 Hard look at some hardware _____ Oct 76
 A-7 How you can use industrial weighing equipment _____ Feb 54
 A-8 Increase handling capability of your package _____ Aug 54
 A-9 Latest reports on the Philip Morris System _____ Feb 68
 A-10 MHI Inter-Society MH Symposium _____ May 108
 A-11 Material flow at Philip Morris _____ Oct 61
 A-12 More on vacuum lifting devices _____ Feb 70
 A-13 Navy looks to stackers to help solve delivery problems _____ Nov 67
 A-14 New outlook on industrial robots _____ Sept 47
 A-15 New products make debut at MH Show _____ May 78
 A-16 Overhead trolley system increases laundry's capacity by 40 percent _____ June 66
 A-17 Philip Morris builds a dream plant _____ Oct 56
 A-18 Serpentine carousel eliminates conveying problems in 1972 and again in 1973 _____ Apr 51
 A-19 Systems approach solves garment-handling problem _____ Apr 48
 A-20 Three-in-one attachment on three-wheel electric truck yields threefold benefits _____ Apr 56
 A-21 Wire belt conveyors: Reference File No. 3 _____ Sept 69

C-10 How you can save lift truck fuel _____ Mar 66
 C-11 How you can use industrial weighing equipment _____ Feb 54
 C-12 Is there a way to cut rack maintenance costs? _____ May 116
 C-13 Leave the lift truck driving to us _____ Mar 72
 C-14 MHI Inter-Society MH Symposium _____ May 108
 C-15 More on vacuum lifting devices _____ Feb 70
 C-16 New light in OSHA regulations _____ 13th 43
 C-17 New products make debut at MH Show _____ May 78
 C-18 "People factor" in sorter operation _____ Apr 64
 C-19 Philip Morris builds a dream plant _____ Oct 56
 C-20 Products to look for at AMA Packaging Show _____ Apr 44
 C-21 Real world of MH systems _____ Nov 86
 C-22 SPHE recognizes prize-winning packages _____ Jan 68
 C-23 Seminar on basic and advanced MH concepts _____ May 110
 C-24 Seminar reviews shrink wrapping basics _____ Apr 70
 C-25 Shelving: Reference File No. 1 _____ June 69
 C-26 Spotlight on case sealers _____ June 59
 C-27 Stackers in integrated systems: every component in key _____ Nov 62
 C-28 Straddle cranes: Reference file No. 2 _____ Aug 57
 C-29 Tray sorter makes a new name for itself _____ Feb 43
 C-30 Utilizing system paves way for attachment handling _____ Dec 62
 C-31 What you need to know about OSHA and hoist inspections _____ June 47
 C-32 What's ahead in shelving? _____ June 73
 C-33 Will your next lift truck use this revolutionary new engine _____ Sept 54
 C-34 Wire belt conveyors: Reference file No. 3 _____ Sept 69

Bulk handling

B-1 Attendance, sales activity strong at MH Show _____ July 49
 B-2 Bulk sand handling takes flexible new twist _____ Aug 52
 B-3 How you can use industrial weighing equipment _____ Feb 54
 B-4 MHI Inter-Society MH Symposium _____ May 108
 B-5 New products make debut at MH Show _____ May 78
 B-6 Philip Morris builds a dream plant _____ Oct 56

D-1 Attendance, sales strong at MH Show _____ July 49
 D-2 Ford stretched vertical limits to smooth production flow _____ Nov 57
 D-3 How to plan and buy a computer-controlled storage and handling system _____ May 69
 D-4 IMMS: What's good for material handling is good for material management _____ July 40
 D-5 IMMS: Wring out the old, ring in the new _____ June 44
 D-6 Is there a way to cut rack maintenance costs? _____ May 116
 D-7 MHI Inter-Society MH Symposium _____ May 108
 D-8 New products make debut at MH Show _____ May 78
 D-9 Philip Morris builds a dream plant _____ Oct 56
 D-10 Real world of MH systems _____ Nov 86
 D-11 Seminar on basic and advanced MH concepts _____ May 110
 D-12 Serpentine carousel eliminates conveying problems in 1972 and again in 1973 _____ Apr 51
 D-13 Shortages, productivity, OSHA and MH _____ Feb 74
 D-14 Systems approach solves garment-handling problem _____ Apr 48
 D-15 To renovate or not to renovate _____ Nov 80
 D-16 What OSHA citations can teach you about overhead crane violations _____ Aug 48

Equipment selection, purchasing and trends; maintenance

C-1 Attendance, sales activity strong at MH Show _____ July 49
 C-2 Better take a look at lift truck rental _____ Sept 66
 C-3 Consultants offer tips on shelving _____ June 72
 C-4 Customize your utilizing methods _____ 13th 34
 C-5 Distributors offer more services than ever _____ Apr 35
 C-6 Don't let "systems" scare you _____ Nov 55
 C-7 How industry uses straddle cranes _____ Aug 60
 C-8 How to plan and buy a computer-controlled storage and handling system _____ May 69
 C-9 How to make ballpark estimates in systems planning _____ Feb 51

Miscellaneous

E-1	Attendance, sales activity strong at MH Show	July 49
E-2	Government regulations pressure scale users	Jan 64
E-3	How you can save lift truck fuel	Mar 66
E-4	Information on packaging/handling interaction	13th 50
E-5	Integrating packaging and handling: how to avoid line bottlenecks	13th 30
E-6	MHI Inter-Society MH Symposium	May 108
E-7	More on vacuum lifting devices	Feb 70
E-8	New products make debut at MH Show	May 78
E-9	Protective packaging takes on a new dimension	May 120
E-10	Uncertainty is the one certainty about the energy crisis	Feb 62
E-11	What are the problems with package performance standards?	Feb 58

Orderpicking; receiving; shipping and distribution

F-1	Attendance, sales activity strong at MH Show	July 49
F-2	Computers generate new weighing systems	Mar 68
F-3	Containerized handling paces air cargo delivery	Nov 72
F-4	Diversified forms on storage simplify handling of greatly varied materials	Nov 76
F-5	Ford stretched vertical limits to smooth production flow	Nov 57
F-6	Hallmark: more than just big	Jan 43
F-7	Hard look at some hardware	Oct 76
F-8	How to plan and buy a computer-controlled storage handling system	May 69
F-9	How to sell a handling system	13th 24
F-10	Identification system makes warehouse safer, more efficient	Aug 46
F-11	Labels direct sorting and shipping systems	Apr 66
F-12	Levi's show off new distribution center	July 43
F-13	MHI Inter-Society MH Symposium	May 108
F-14	Material flow at Philip Morris	Oct 61
F-15	Navy looks to stackers to help solve delivery problems	Nov 67
F-16	New products make debut at MH Show	May 78
F-17	New: Sortation-on-the-cart by computer	June 62
F-18	Order dispensers: focal point for new distribution centers	Mar 55
F-19	Philip Morris builds a "dream plant"	Oct 56
F-20	Southland keeps upgrading mechanization in its distribution centers	Sept 58
F-21	Standards: look closely before you jump in	13th 23
F-22	Systems approach solves garment-handling problem	Apr 48
F-23	Tray sorter makes a new name for itself	Feb 43
F-24	Utilizing system paves way for attachment handling	Dec 62
F-25	Weighting system eliminates inventory shutdown	Apr 58
F-26	What are the problems with package performance standards?	Feb 58
F-27	What's to learn from Philip Morris?	Oct 55

Packaging

G-1	Attendance, sales activity strong at MH Show	July 49
G-2	Computers generate new weighing stations	Mar 68
G-3	Containerized handling paces air cargo delivery	Nov 72
G-4	Customize your unitizing methods	13th 34
G-5	Hard look at some hardware	Oct 76
G-6	How to sell a handling system	13th 24
G-7	How you can use industrial weighing equipment	Feb 54
G-8	Increase handling capability of your package	Aug 54
G-9	Information on packaging/handling interaction	13th 50
G-10	Integrating packaging and handling: how to avoid line bottlenecks	13th 30
G-11	Labels direct sorting and shipping system	Apr 66
G-12	MHI Inter-Society MH Symposium	May 108
G-13	Material handling entry wins SPHE competition	June 58
G-14	Material flow at Philip Morris	Oct 61
G-15	New light on OSHA regulations	13th 43
G-16	New packaging/material handling equipment makes debut at 1974 PMMI Show	13th 6
G-17	New products make debut at MH Show	May 78
G-18	Packaging waste: new markets for an old commodity	Dec 46

G-19	Products to look for at AMA Packaging Show	Apr 44
G-20	Protective packaging takes on new dimension	May 120
G-21	Record turnout sees new machinery at PMMI Show	Nov 90
G-22	SPHE recognizes prize-winning packages	Jan 68
G-23	Seminar reviews shrink wrapping basics	Apr 70
G-24	Shortages invade AMA packaging show	June 56
G-25	Spotlight on case sealers	June 59
G-26	Standards: look closely before you jump in	13th 23
G-27	What are the problems with package performance standards	Feb 58
G-28	What's the best way to print coded labels?	13th 39

Safety and OSHA

H-1	Attendance, sales activity strong at MH Show	July 49
H-2	Consultants offer tips on shelving	June 72
H-3	First International Lift Truck Rally: best thing that's happened to driver motivation	Aug 41
H-4	Government regulations pressure scale users	Jan 64
H-5	How OSHA will affect MH equipment in 1974	Jan 60
H-6	Lift truck rallies: next step up in driver training	Aug 45
H-7	MHI Inter-Society MH Symposium	May 108
H-8	New lift truck film probes "knee-jerk" accidents	July 55
H-9	New light in OSHA regulations	13th 43
H-10	New products make debut at MH Show	May 78
H-11	OSHA cases interpret standards	Sept 62
H-12	OSHA isn't spreading happiness—just safety	Jan 57
H-13	Shortage, productivity, OSHA and MH	Feb 74
H-14	Sling inspections: a top OSHA target in 1974	Mar 60
H-15	Standards: look closely before you jump in	13th 23
H-16	What OSHA citations can teach you about overhead crane violations	Aug 48
H-17	What to tell your management about lift truck rallies	Aug 38
H-18	What you need to know about OSHA and hoist inspections	June 47

Scrap and refuse handling

I-1	Attendance, sales activity strong at MH Show	July 49
I-2	Chip handling: new justifications	Dec 50
I-3	MHI Inter-Society MH Symposium	May 108
I-4	New products make debut at MH Show	May 78
I-5	Packaging waste: new markets for an old commodity	Dec 46
I-6	Vertical baler is compact solution to trash disposal problem	Apr 60

Shows, seminars and conferences

J-1	Attendance, sales activity strong at MH Show	July 49
J-2	But Charlie—you've got to eat somewhere	May 74
J-3	Can you solve today's critical problems caused by energy and material shortages?	Apr 62
J-4	Every year there are more computers in "Computers in Material Handling" seminar	Nov 84
J-5	First International Lift Truck Rally: best thing that's happened to driver motivation	Aug 41
J-6	IMMS: What's good for material handling is good for material management	July 40
J-7	IMMS: Wring out the old, ring in the new	June 44
J-8	Increase productivity: is MH management up to the challenge?	Dec 54
J-9	MHI Inter-Society MH Symposium	May 108
J-10	Material handling entry wins SPHE competition	June 28
J-11	New packaging/material handling equipment makes debut at 1974 PMMI Show	13th 6
J-12	New products make debut at MH Show	May 78
J-13	OSHA isn't spreading happiness—just safety	Jan 57
J-14	Products to look for at AMA Packaging Show	Apr 44
J-15	Record turnout sees new machinery at PMMI Show	Nov 90
J-16	SPHE recognizes prize-winning packages	Jan 68
J-17	Seminar on basic and advanced MH concepts	May 110
J-18	Seminar reviews shrink wrapping basics	Apr 70
J-19	Shortages invade AMA packaging show	June 56
J-20	Spotlight on case sealers	June 59
J-21	Standards: look closely before you jump in	13th 23
J-22	What are the problems with package performance standards?	Feb 58

continued on page 144

Systems, material control, controls, computers

K-1	Attendance, sales activity strong at MH Show	July	49
K-2	Better bulk mail handling takes a first step	Dec	56
K-3	Certification in material handling is cooking	Mar	53
K-4	Computer-controlled towline keeps presses rolling	Apr	37
K-5	Computers generate new weighing systems	Mar	68
K-6	Don't let "systems" scare you	Nov	55
K-7	Every year there are more computers in "Computers in Material Handling" seminar	Nov	84
K-8	Ford stretched vertical limits to smooth production flow	Nov	57
K-9	Holtmark: more than just big	Jan	43
K-10	Hard look at some hardware	Oct	76
K-11	How to make ballpark estimates in systems planning	Feb	51
K-12	How to plan and buy a computer-controlled storage and handling system	May	69
K-13	How you can use industrial weighing equipment	Feb	54
K-14	Implementing the Distributed Computer Concept at Philip Morris	Oct	67
K-15	Labels direct sorting and shipping system	Apr	66
K-16	Latest reports on the Philip Morris system	Feb	68
K-17	Levi's show off new distribution center	July	43
K-18	MHI Inter-Society MH Symposium	May	108
K-19	Material flow at Philip Morris	Oct	61
K-20	Navy looks to stackers to solve delivery problems	Nov	67

K-21	New products make debut at MH Show	May	78
K-22	New: Sortation-on-the-cart by computer	June	62
K-23	Opening up the black box	Sept	45
K-24	Order dispensers: focal points for new distribution centers	Mar	74
K-25	Philip Morris builds a dream plant	Oct	56
K-26	Real world of MH systems	Nov	86
K-27	Seminar on basic and advanced MH concepts	May	110
K-28	Serpentine carousel eliminates conveying problems in 1972 and again in 1973	Apr	51
K-29	Somebody did it the first time	May	66
K-30	Some ideas for getting ahead in 1974	Jan	41
K-31	Stackers in integrated systems: every component is key	Nov	62
K-32	Systems approach solves garment-handling problem	Apr	48
K-33	The 12 days of systems	Dec	43
K-34	Troy sorter makes a new name for itself	Feb	43
K-35	What's the best way to print coded labels?	13th	39
K-36	What's to learn from Philip Morris?	Oct	55

Yard handling

L-1	Attendance, sales activity strong at MH Show	July	49
L-2	MHI Inter-Society MH Symposium	May	108
L-3	New products make debut at MH Show	May	78

Index according to products

MHE's 1974 articles are listed here according to product classification. In this case, a code key is used rather than listing each title. The code key, A-1, B-2, C-3, etc., refers to the matching code key which precedes each article list in this section. For instance, the first article

under "High-rise storage and retrieval systems" has code key A/2 which refers to a matching code key on page 142. That code key precedes an article title and the month of publication and page number for that article.

Air handling: vacuum, air film, pneumatic conveying: A-1, A-2, A-10, A-12, A-14, A-15, B-2.

Bulk handling and storage equipment: A-2, A-10, A-15, C-3, C-25, C-32, F-4.

Casters, wheels and hand trucks; hand pallet trucks, lifts and positioning equipment: A-2, A-10, A-15, A-18.

Computers and EDP equipment; scales and weight control devices; electric and electronic controls; communication devices: A-2, A-3, A-6, A-7, A-9, A-10, A-11, A-15, A-17, A-18, A-19, C-8, C-20, C-21, C-29, E-2, E-5, F-3, F-6, F-10, F-12, F-17, F-25, F-27, J-4, K-2, K-4, K-14, K-23.

Conveyor components and belting; power transmission equipment: A-2, A-6, A-10, A-11, A-15, A-18, A-19, A-21, C-21, C-29, E-5, F-12, F-27, K-14.

Conveyors: overhead, roller, wheel and flat belt; towline conveyors: A-2, A-4, A-6, A-9, A-10, A-11, A-15, A-16, A-18, A-21, C-9, C-21, E-5, F-3, F-12, F-27, H-11, J-4, K-2, K-14.

Dockboards and dock accessories: doors and controls: A-2, A-10, A-15.

Floor maintenance equipment and supplies: A-2, A-10, A-15.

High-rise storage and retrieval systems: A-2, A-5, A-9, A-10, A-11, A-13, A-15, A-19, C-8, C-9, C-12, C-27, F-6, F-25, F-27, J-4.

In-plant containers: A-2, A-4, A-5, A-6, A-10, A-11, A-13, A-15, A-19, C-22, C-27, F-3, F-20, G-13, K-2.

Miscellaneous; consultants; engineering aids: C-23, D-4, D-5, D-13, E-2, E-10, F-10, H-5, H-12, I-5, J-8, K-29, K-33.

Overhead cranes and monorails; components and accessories; hoists, grabs, slings, hooks and magnets: A-2, A-10, A-14, A-15, A-17, C-31, D-15, D-16, H-11, H-14.

Packaging machinery and supplies: A-2, A-3, A-6, A-7, A-8, A-10, A-11, A-15, C-4, C-16, C-20, C-22, C-24, C-26, C-30, E-4, E-5, F-6, F-9, F-21, F-27, G-13, G-16, G-21, G-24, G-27, I-5, K-14, K-35.

Powered industrial trucks, rider and walkie, and other mobile equipment; accessories and components: A-2, A-6, A-10, A-11, A-15, A-20, C-2, C-9, C-10, C-13, C-30, C-33, F-9, H-3, H-6, H-8, H-11, H-17.

Refuse handling equipment: A-2, A-10, A-15, I-2, I-5, I-6.

Utilizing equipment and supplies, strapping machines and strapping; palletizers; pallets and skids: A-2, A-6, A-9, A-10, A-11, A-15, A-17, C-4, C-20, C-22, C-24, C-30, E-4, F-3, F-6, F-9, G-13, G-16, G-21, G-24, G-27, K-14.